

Docket No. 249420US2/jrl



IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kazuo NAKAHIMA, et al.

SERIAL NO: 10/784,932

GAU: 1753

FILED: February 25, 2004

EXAMINER: Alan D. DIAMOND

FOR: MULTI-ELEMENT POLYCRYSTAL FOR SOLAR CELLS AND METHOD OF MANUFACTURING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

■ COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

■ SIR:
Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references cited in the attached German Office Action and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249420US2		SERIAL NO. 10/784,932	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kazuo NAKAJIMA, et al.			
				FILING DATE February 25, 2004		GROUP 1753	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT & TRADEMARK NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,437,734	08/01/1995	Takeshi MATSUSHITA, et al.			
	AB	5,141,564	08/25/1992	Wen S. CHEN, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	Kazuo NAKAJIMA, et al., "Growth of Ge-rich, Si _x Ge _{1-x} single crystal with uniform composition (x = 0.02) on a compositionally graded crystal for use as GaAs solar cells", JOURNAL OF CRYSTAL GROWTH, vol. 205, no. 3, August 1999, pages 270-276					
	AX	Kazuo NAKAJIMA, et al., "Bridgman growth of compositionally graded In _x Ga _{1-x} As (x = 0.05-0.30) single crystals for use as seeds for In _{0.25} Ga _{0.75} As crystal growth", JOURNAL OF CRYSTAL GROWTH, vol. 173, no. 1-2, March 1997, pages 42-50					
	AY	J. G. WERTHEN, et al., "Recent Advances in High-Efficiency InGaAs Concentrator Cells", CONFERENCE RECORD OF THE TWENTIETH IEEE PHOTOVOLTAIC SPECIALISTS CONFERENCE, vol.1, September 1988, pages 640-643					
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							